

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

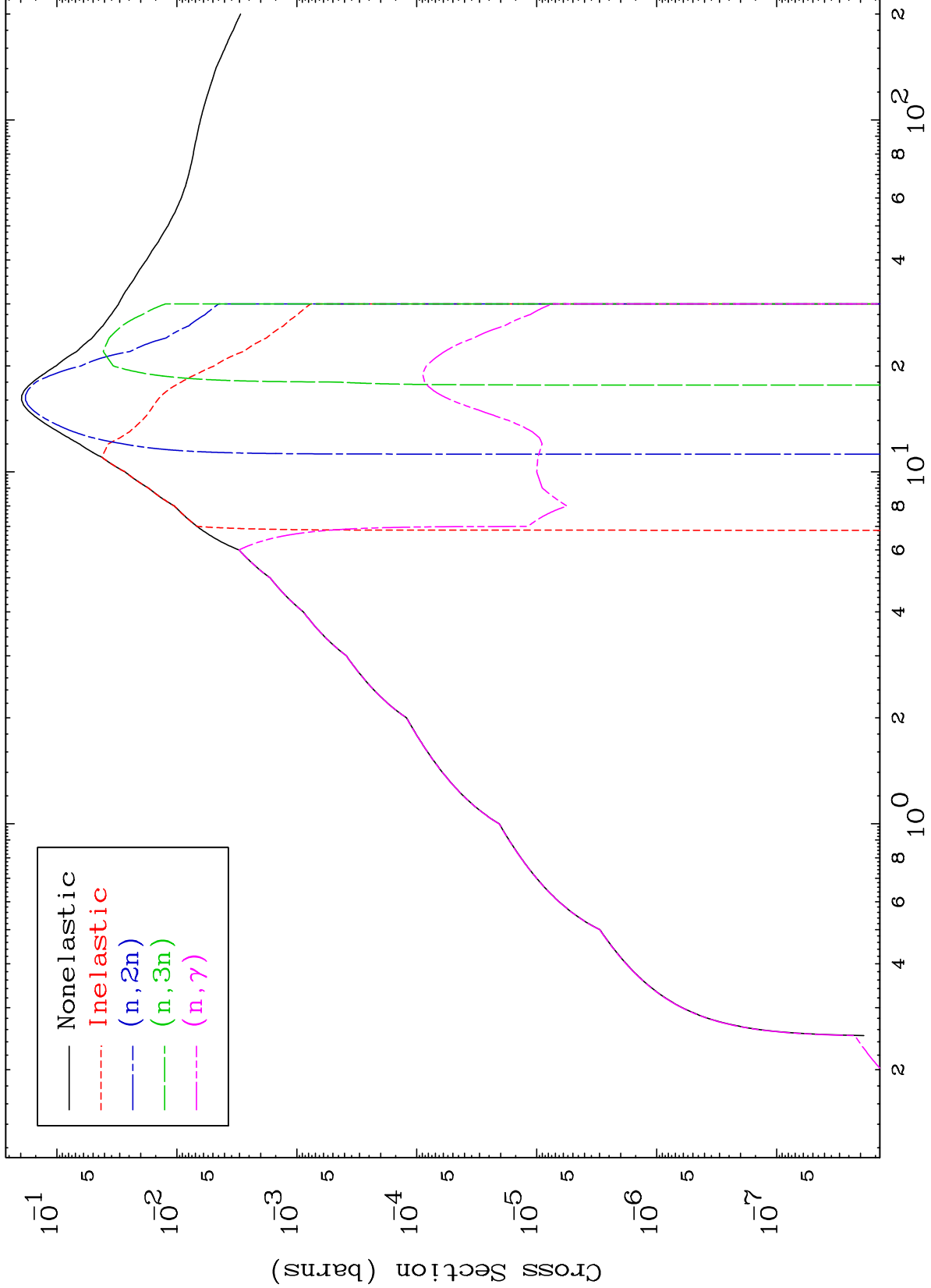
Press Mouse Button to Start

MAT 4055

Photon Major

40-Zr-100

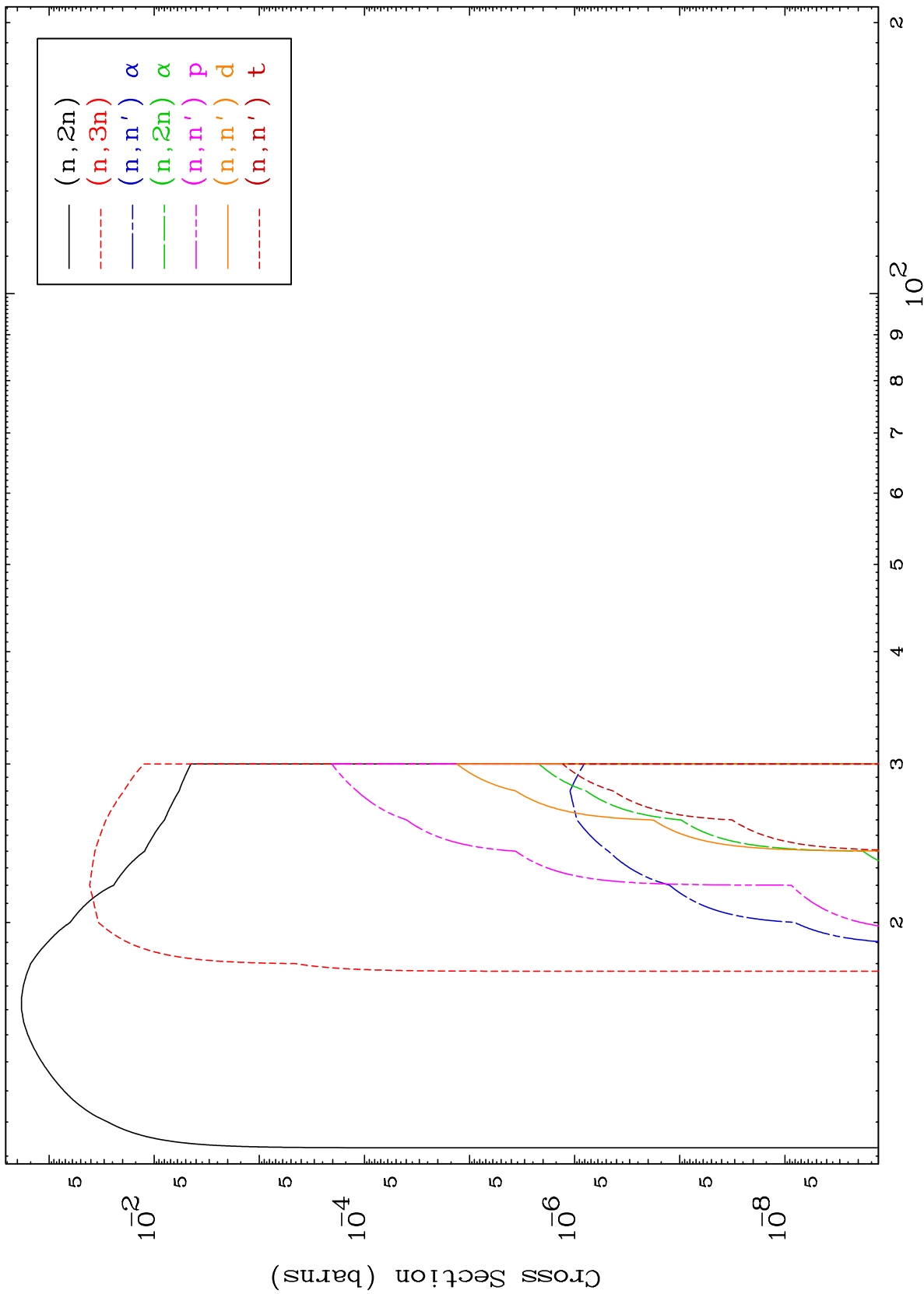
0 Kelvin Cross Sections



MAT 4055

Photon Neutron Absorption
0 Kelvin Cross Sections

40-Zr-100



2

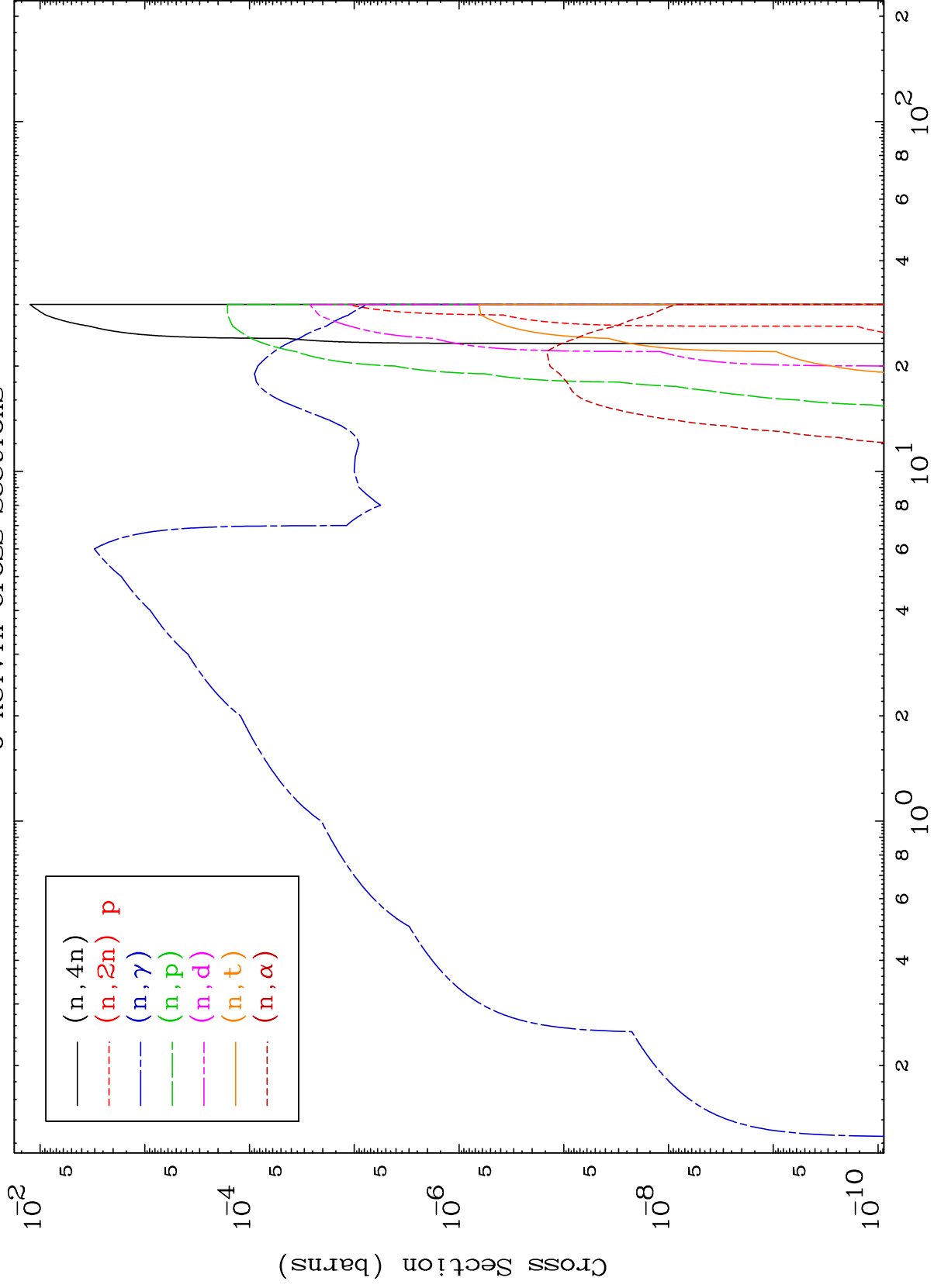
Incident Energy (MeV)

40-Zr-100

MAT 4055

Photon Neutron Absorption
0 Kelvin Cross Sections

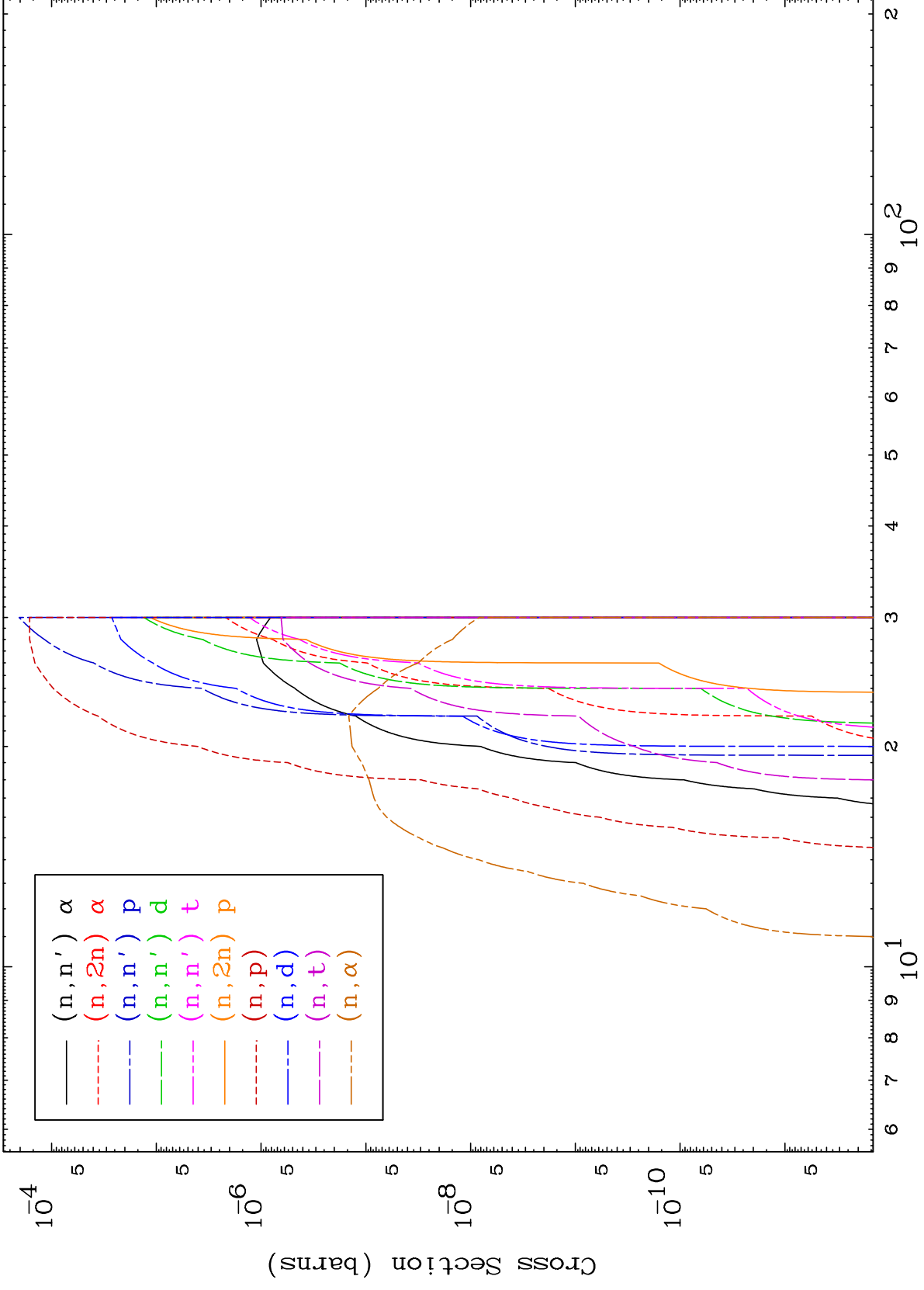
40-Zr-100

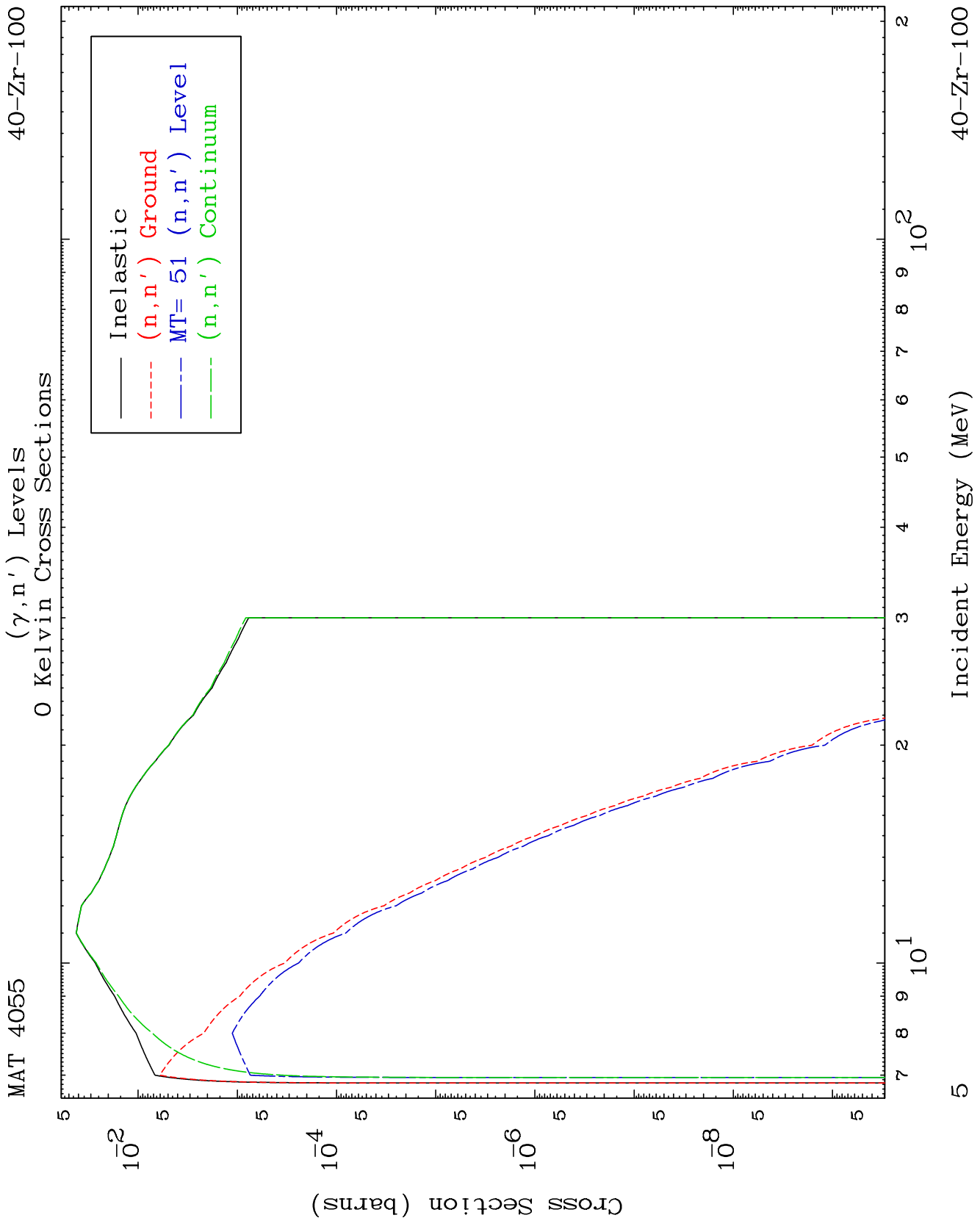


MAT 4055

Photon Charged Particle
0 Kelvin Cross Sections

40-Zr-100

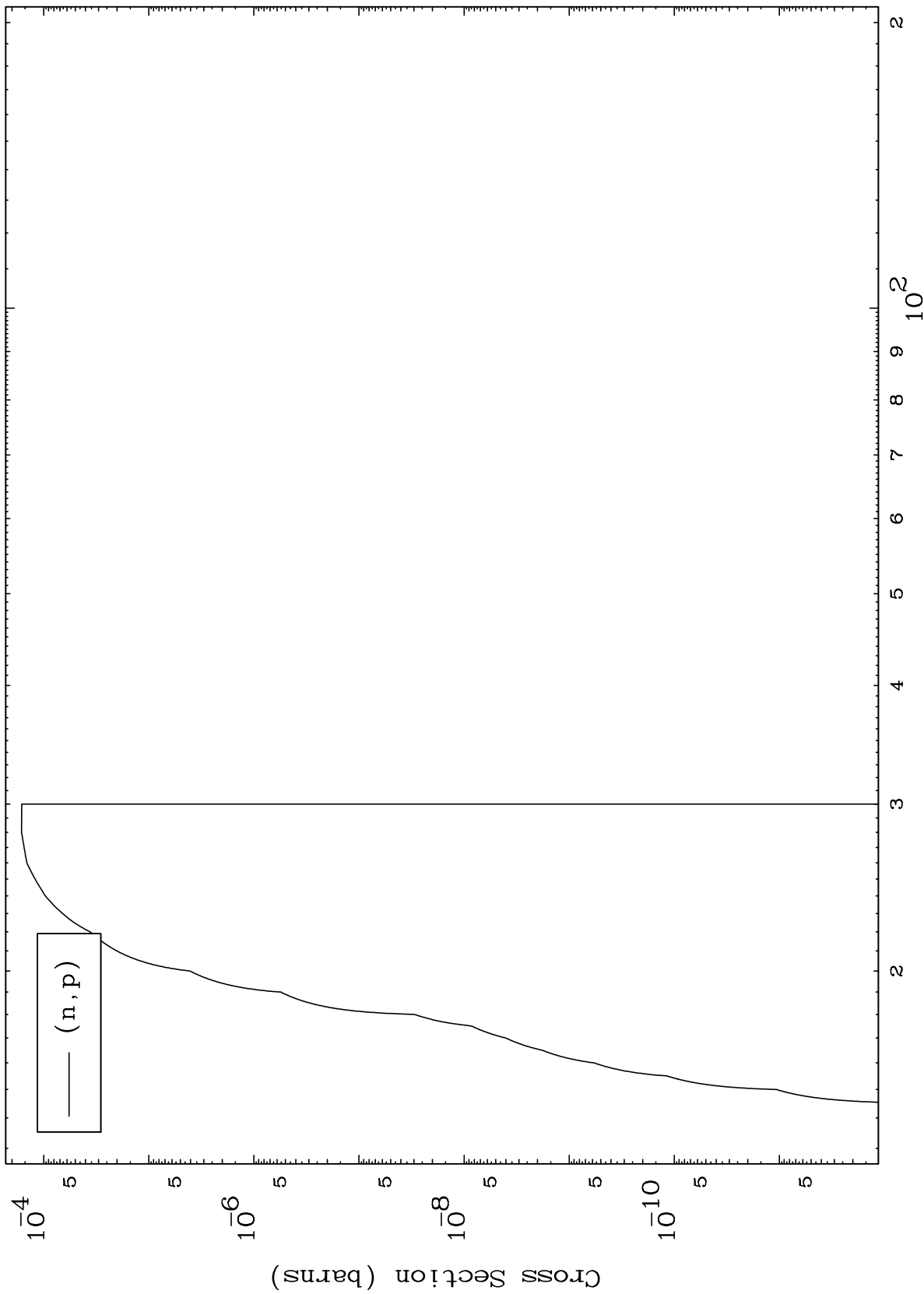




MAT 4055

40-Zr-100

(γ, p) Levels
0 Kelvin Cross Sections



40-Zr-100

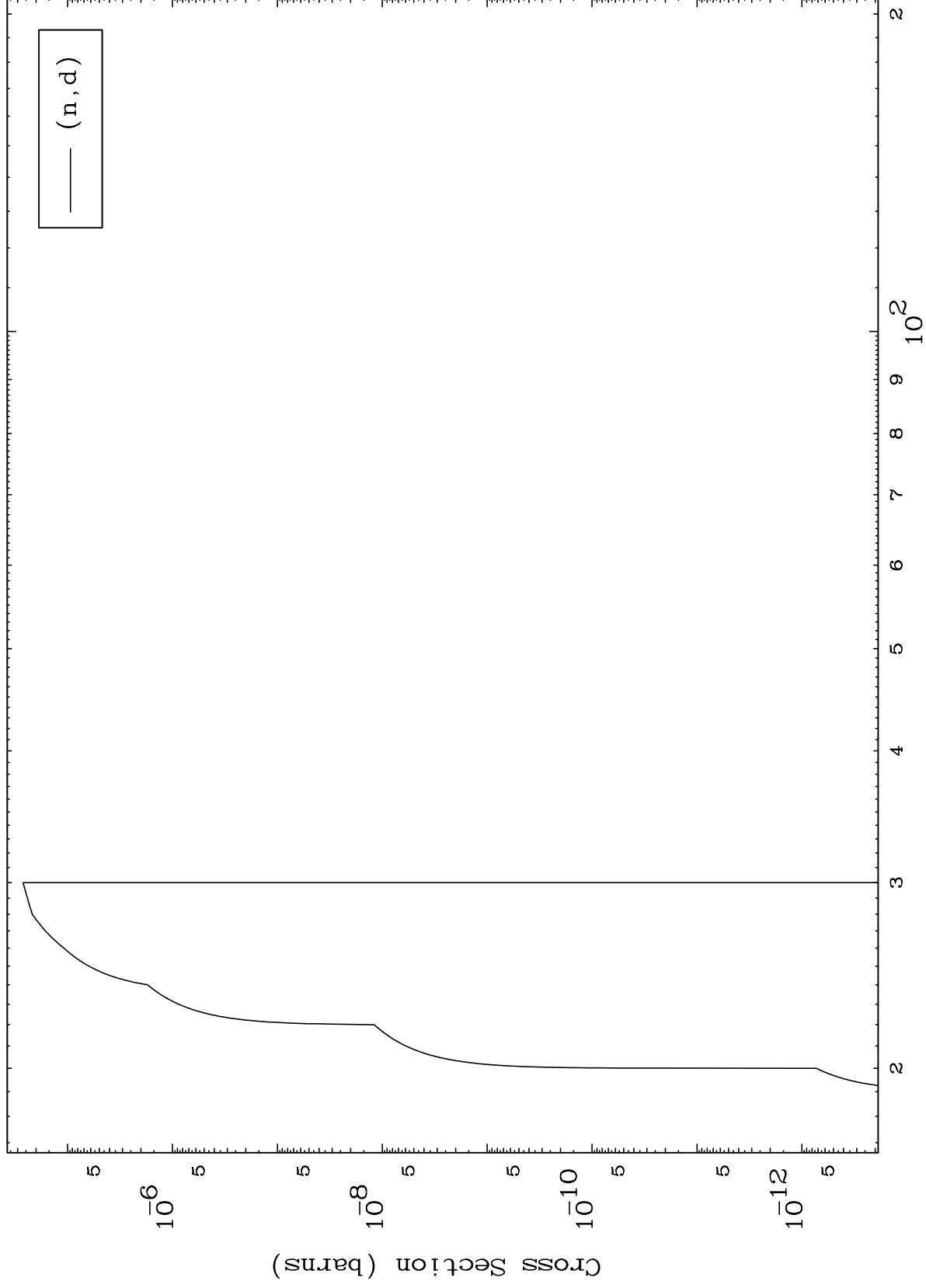
Incident Energy (MeV)

6

MAT 4055

(γ, d) Levels
0 Kelvin Cross Sections

40-Zr-100



7

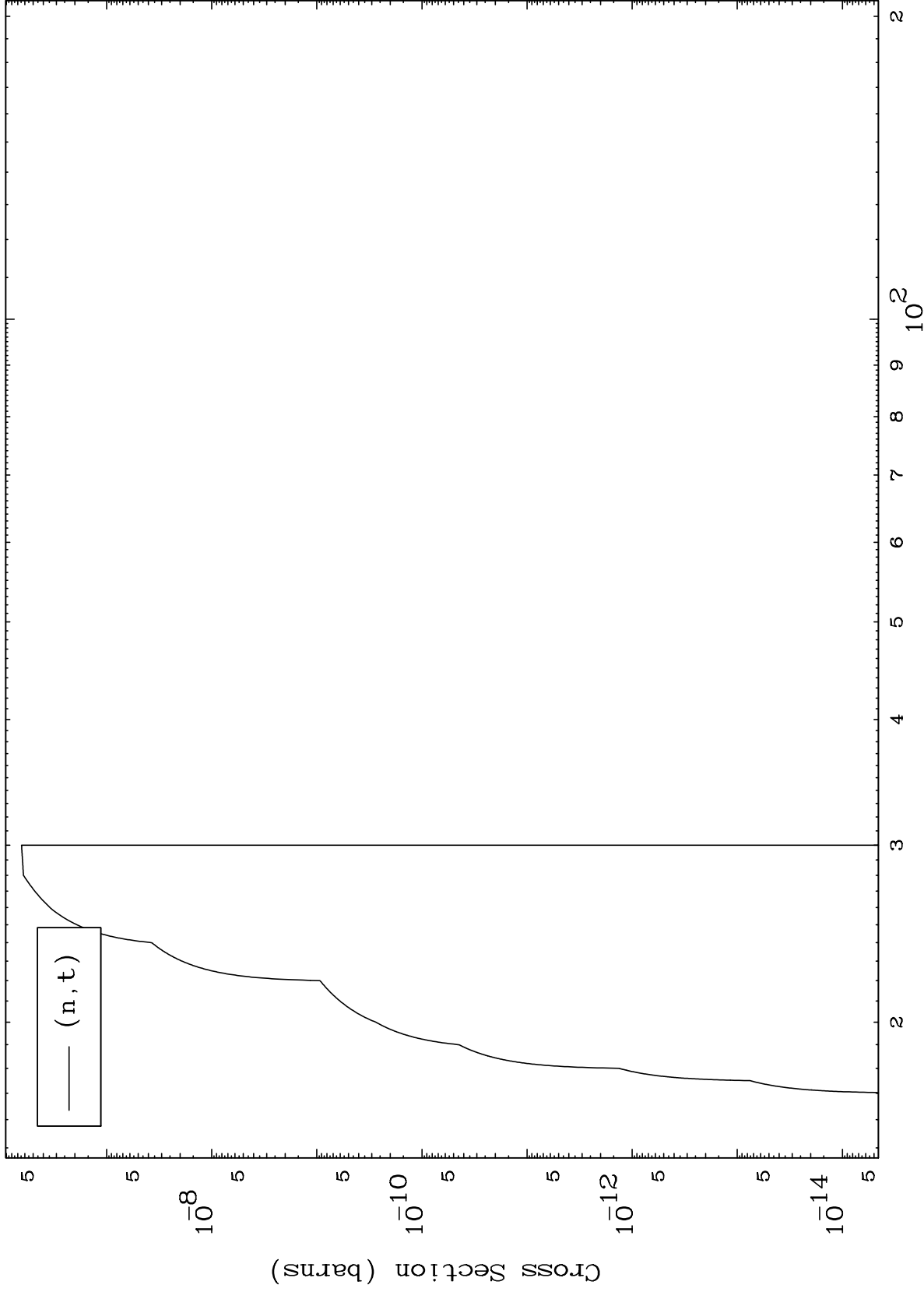
Incident Energy (MeV)

40-Zr-100

MAT 4055

40-Zr-100

(γ, t) Levels
0 Kelvin Cross Sections



8

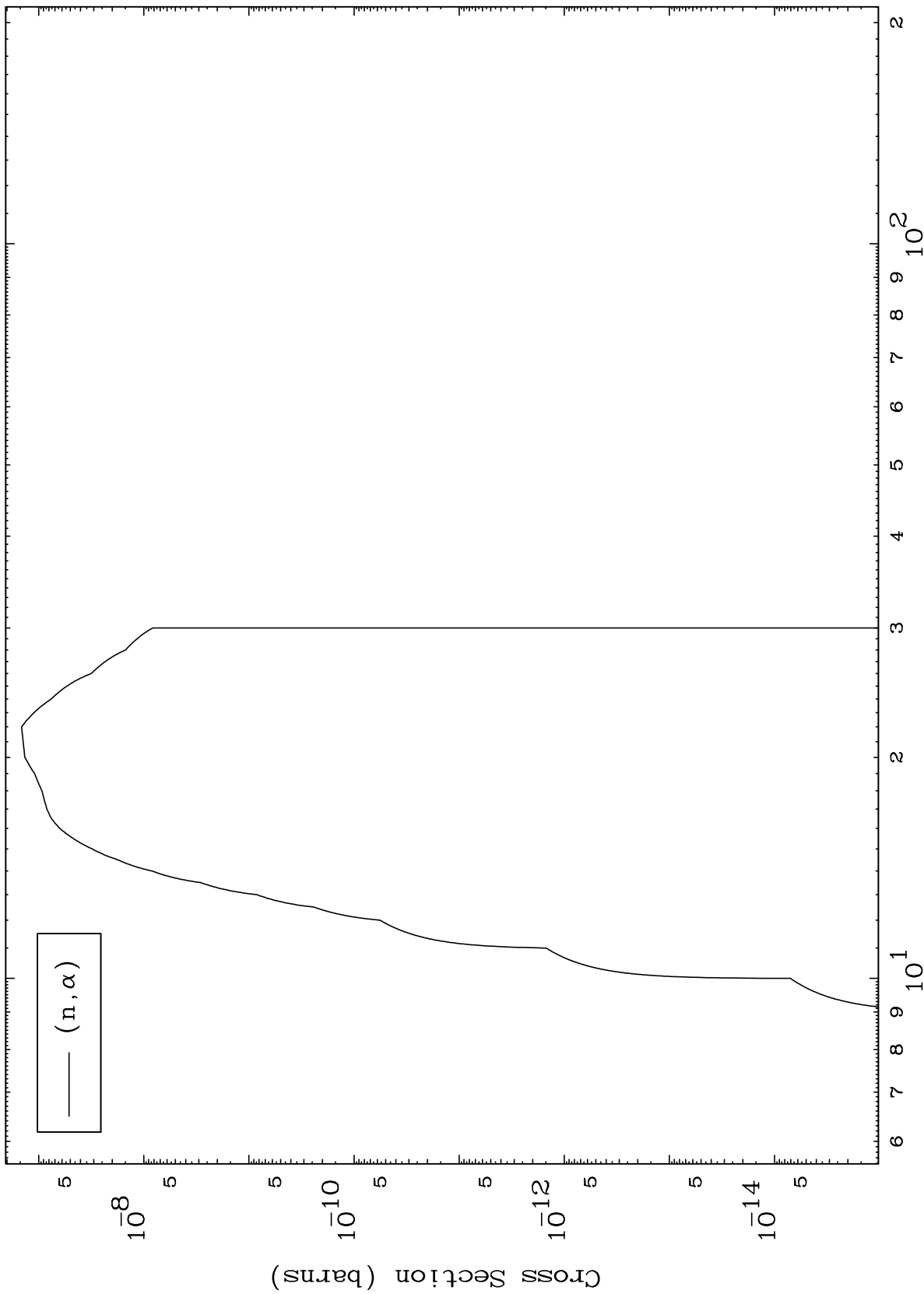
Incident Energy (MeV)

40-Zr-100

MAT 4055

(γ, α) Levels
0 Kelvin Cross Sections

40-Zr-100



9

Incident Energy (MeV)

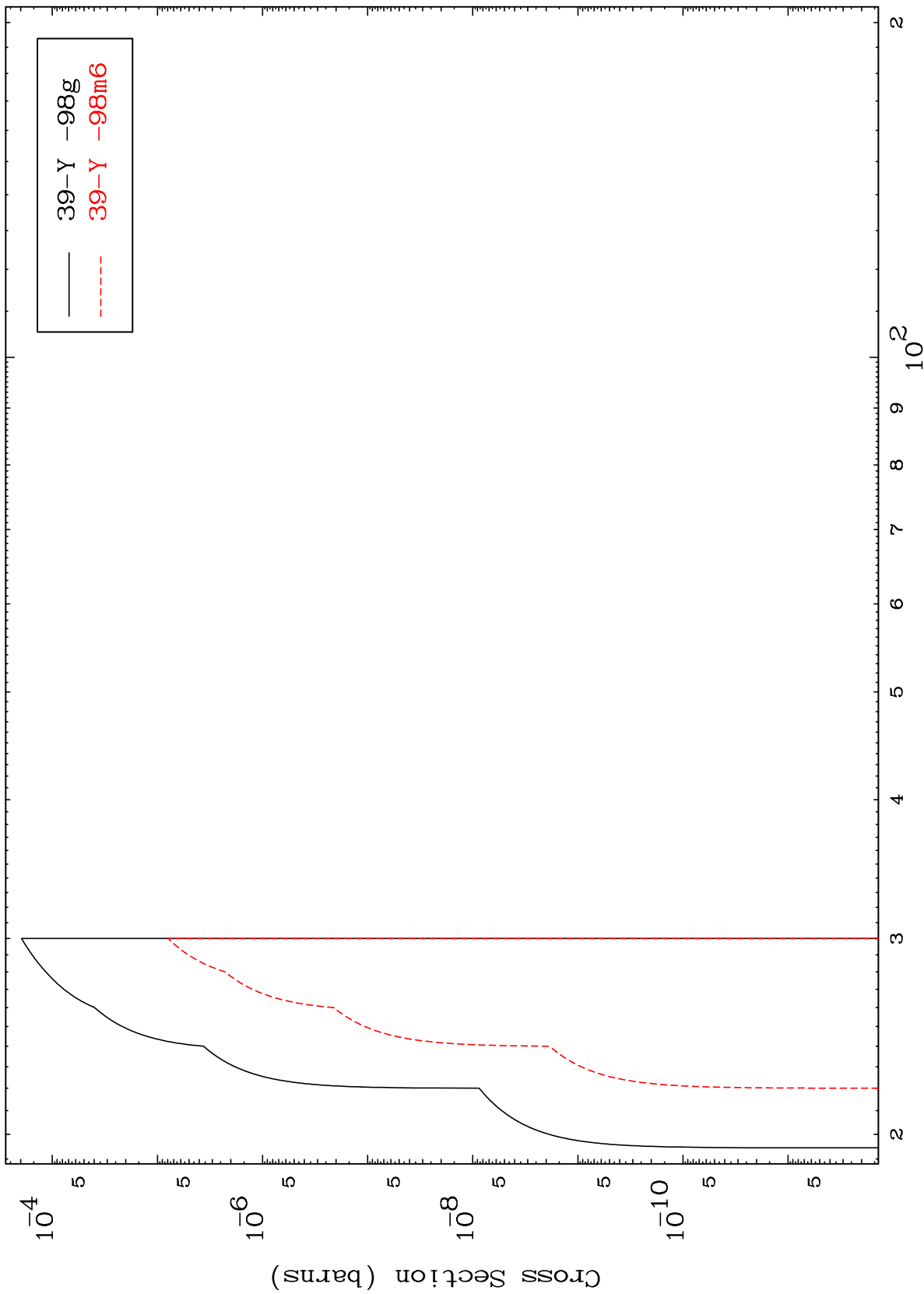
40-Zr-100

MAT 4055

(n, n') p

40-Zr-100

Radionuclide Production Cross Section



10

Incident Energy (MeV)

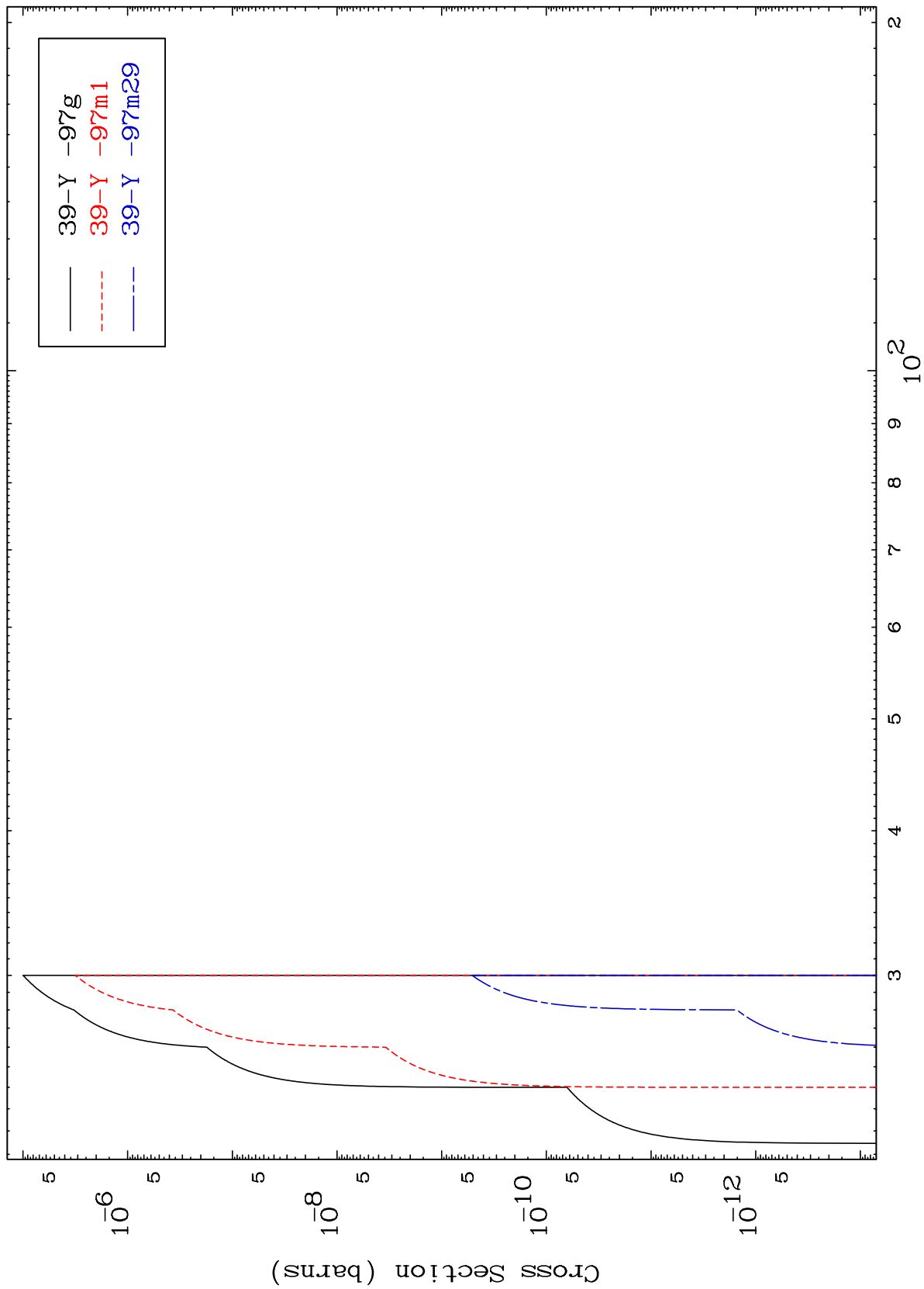
40-Zr-100

MAT 4055

(n,n') d

40-Zr-100

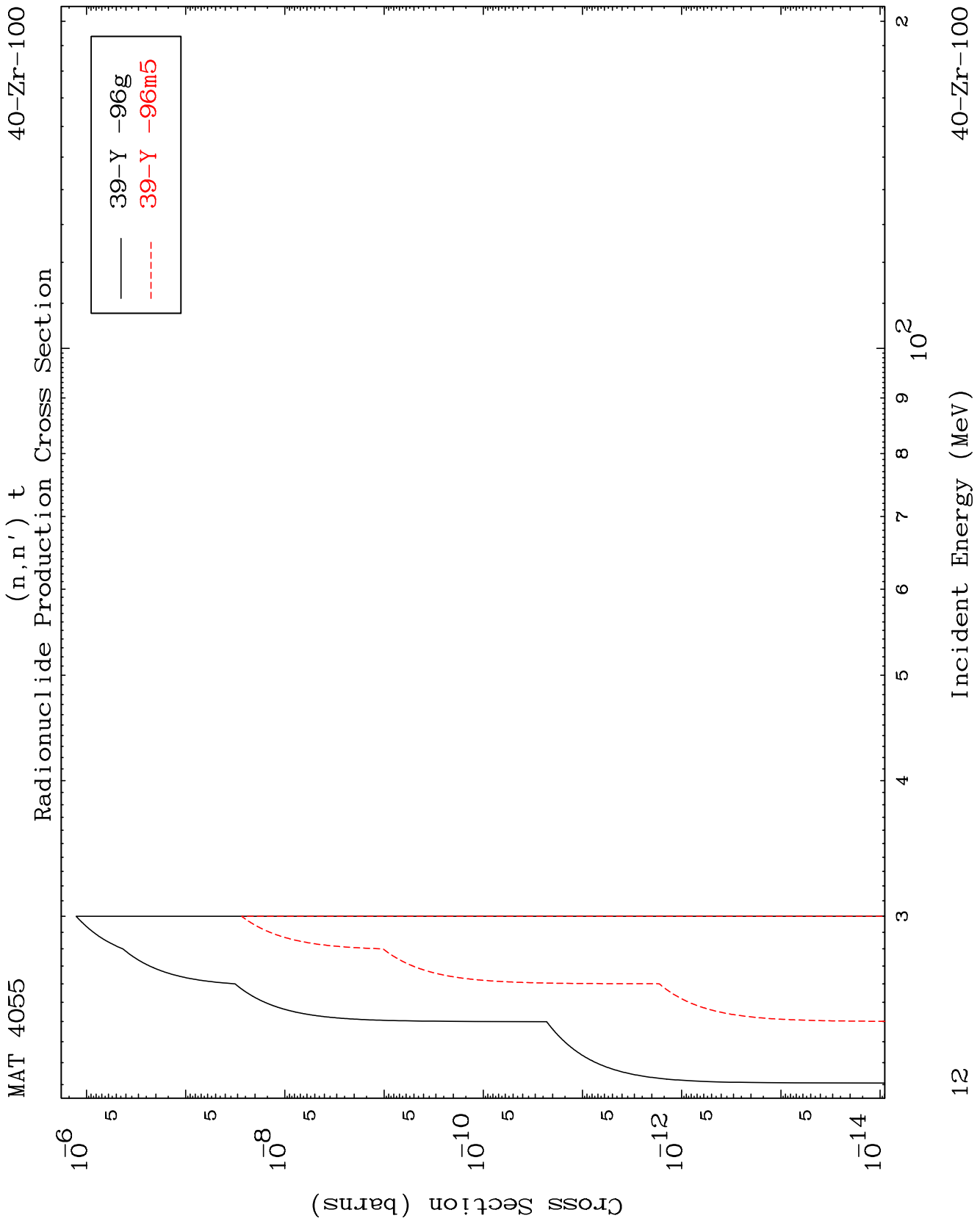
Radionuclide Production Cross Section



11

Incident Energy (MeV)

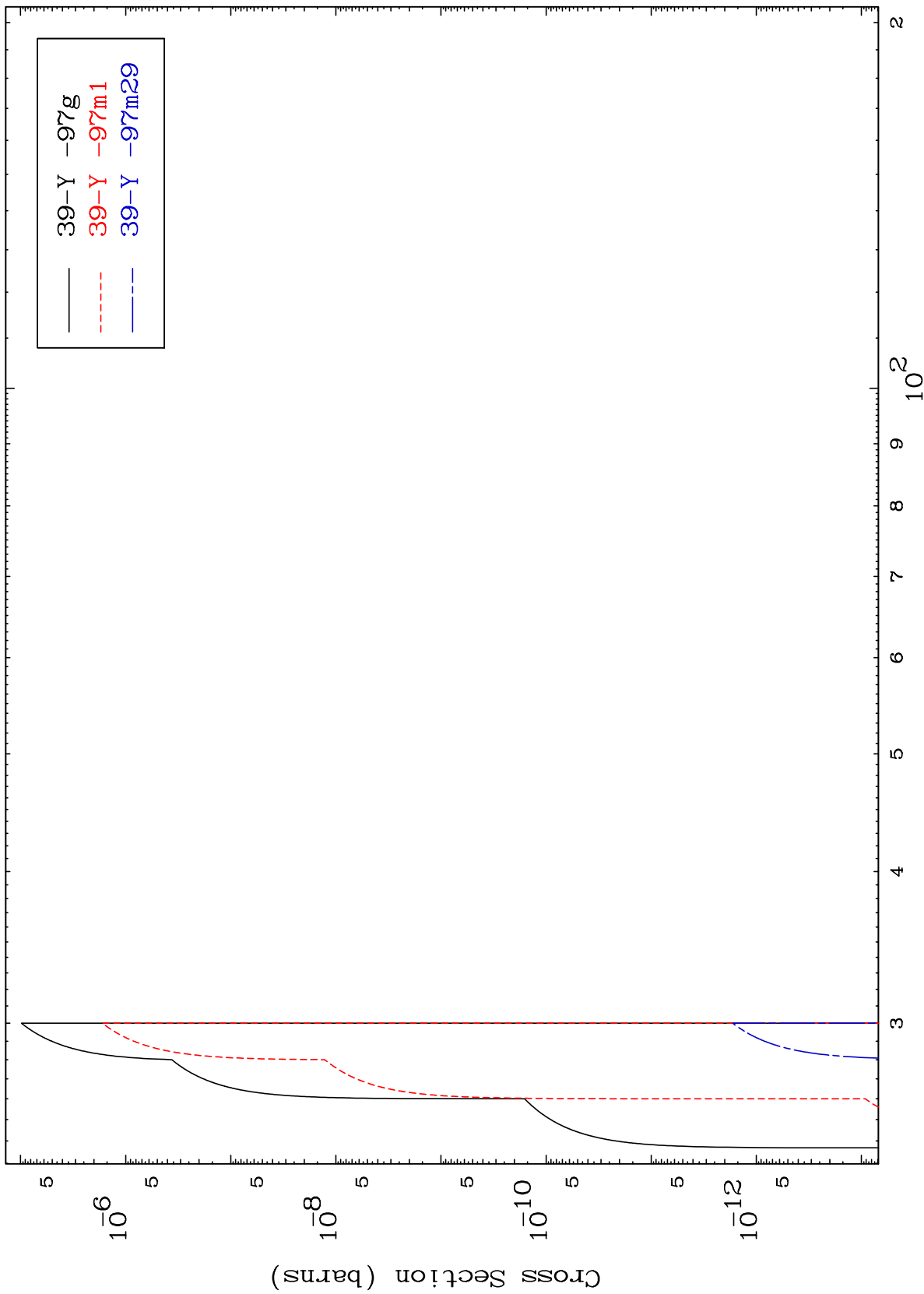
40-Zr-100



MAT 4055

40-Zr-100

$(n,2n)$ p
Radionuclide Production Cross Section



40-Zr-100

Incident Energy (MeV)

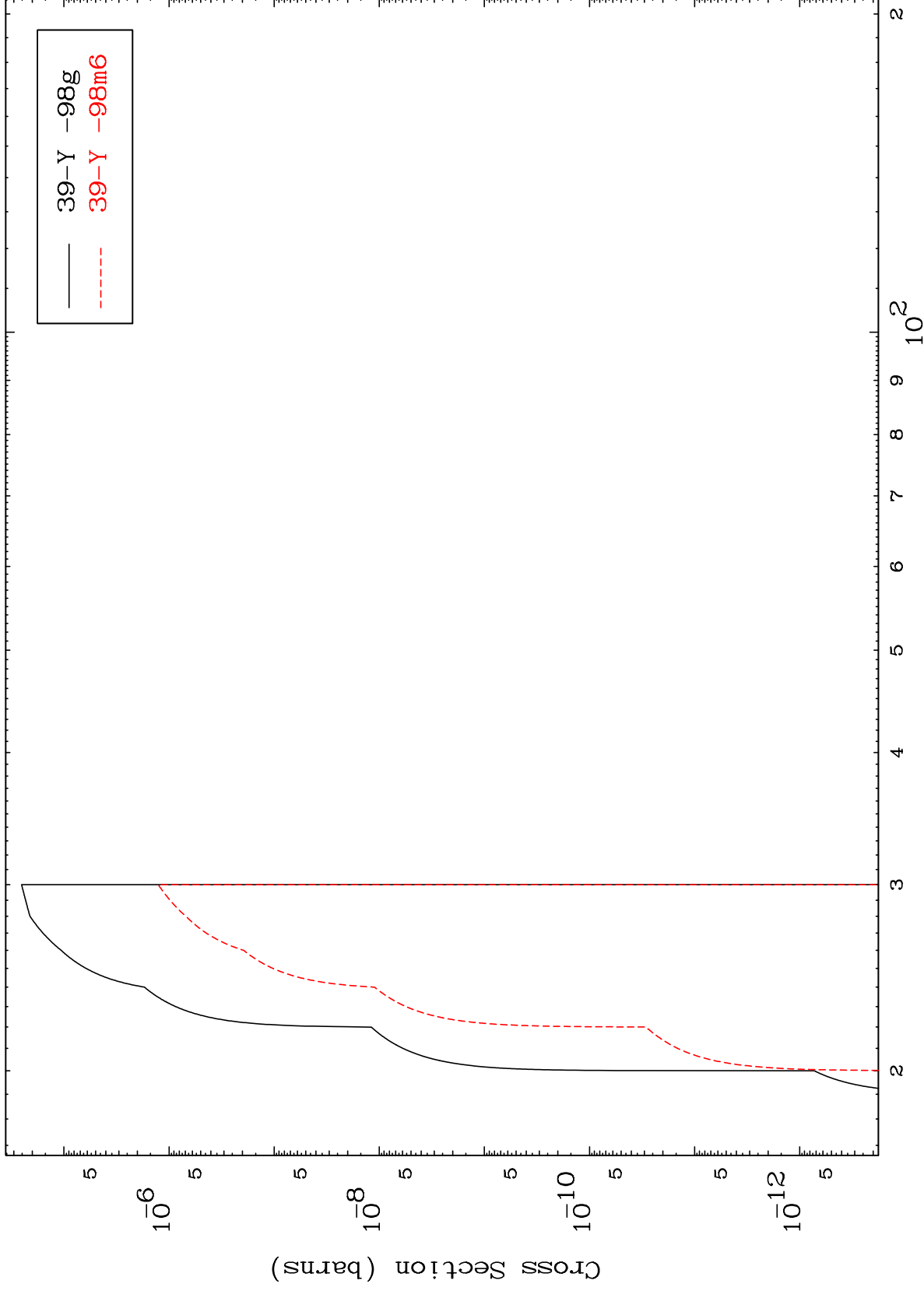
13

MAT 4055

(n,d)

40-Zr-100

Radionuclide Production Cross Section



14

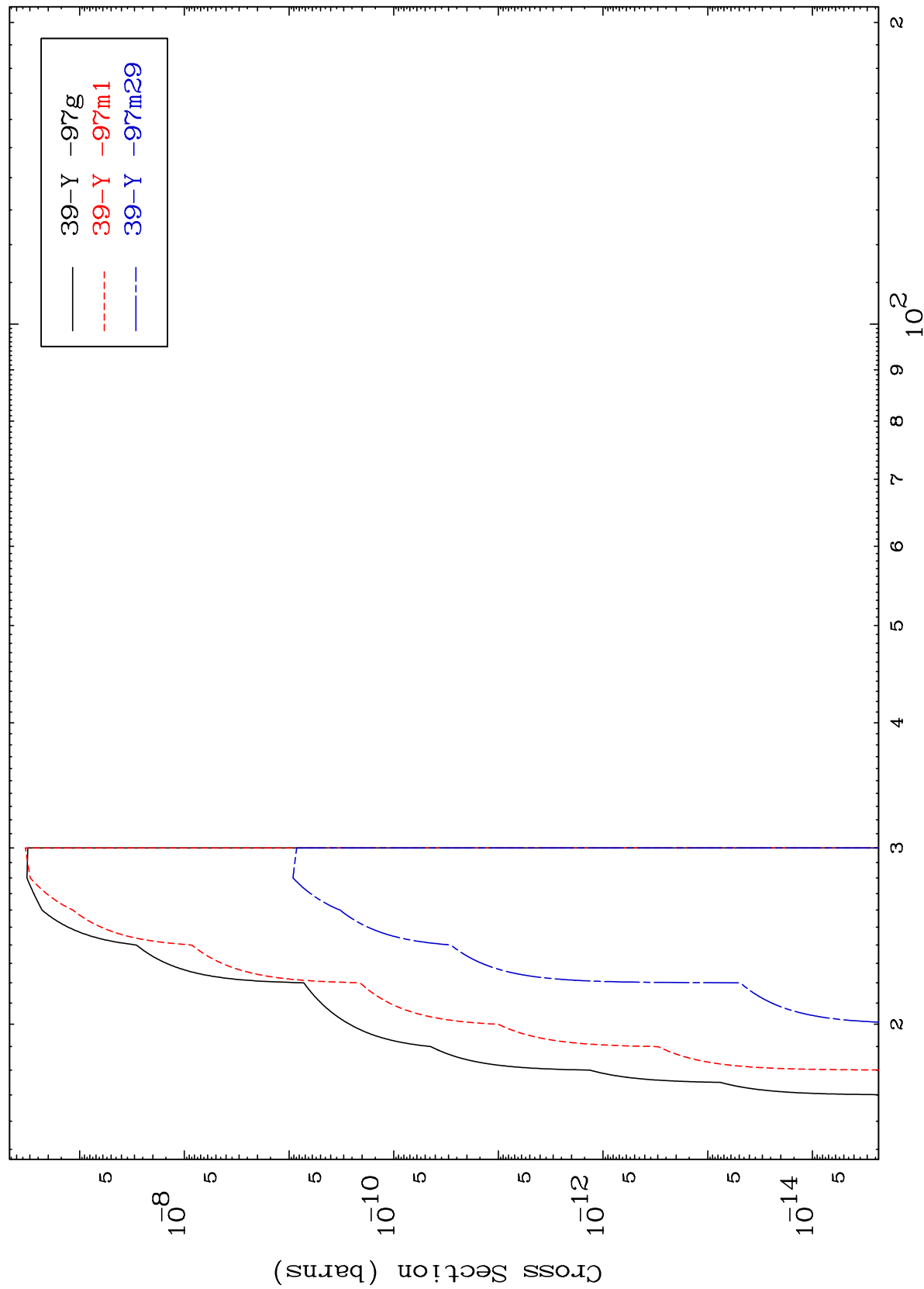
Incident Energy (MeV)

40-Zr-100

MAT 4055

40-Zr-100

(n,t)
Radionuclide Production Cross Section



15

40-Zr-100

Incident Energy (MeV)